

U.S. DEPARTMENT OF ENERGY

MOUND PLANT

MIAMISBURG, OHIO

ENVIRONMENTAL RESTORATION

MONTHLY PROGRESS REPORT

March 2003

1. INTRODUCTION

Per a Federal Facility Agreement (FFA) between the U.S. Department of Energy (DOE), Miamisburg Closure Project (MCP), and the U.S. Environmental Protection Agency, Region V (US EPA), and the Ohio Environmental Protection Agency (OEPA) a Monthly Progress Report is submitted for the Exit Project at the DOE Mound Plant for the period March 1, 2003 through March 31, 2003. The purpose of this report is to inform the Agencies regarding progress achieved towards environmental remediation of the site. This monthly progress report contains:

- A description of actions that have been taken toward achieving compliance with the agreement during the previous month;
- All plans and procedures completed during the previous month;
- A description of all actions, data, and plans that are scheduled for the next month(s) and other information relating to the progress of construction as is customary in the industry;
- Information regarding progress toward completion unresolved delays encountered or anticipated that may affect the future schedule for implementation of any scope of work or work plan, and a description of efforts made to mitigate those delays or anticipated delays.

Other specific, minimum required contents are:

- Minutes of the monthly project managers' meeting (see Attachment A.1)
- Status of approved agreements, commitments, or changes
- Changes in key personnel (see Contact List, Attachment A.5)
- Actions taken pursuant to this agreement including percent completion
- Photographs illustrating actions taken during the month (see Attachment A.2)
- Results of sampling and tests and other data received or generated by DOE pursuant to this agreement
- All actions or activities completed during the month
- Actions or activities planned for the next two months
- Field changes made during the month (see Attachment A.4)
- A description of any delays or problems that arose during the execution of the work described in this agreement and any steps taken by DOE to alleviate such delays and problems.

2. RECENT AND UPCOMING ACTIVITIES

ER/SOILS PROJECT

OU-1 Pump & Treat, Soil Vapor Extraction, Air Sparge and ITRD

Pump and Treat extraction well 414 was redeveloped due to poor recharge rate (specific capacity). Following redevelopment the well returned to service with satisfactory results.

Operable Unit 1 Performance

| Monthly Pump & Treat Wells (Gallons) | Monthly SVE Knockout Tank (Gallons) | Monthly Total Water Treated (Gallons) | Cumulative Pump & Treat Wells (Gallons) | Cumulative SVE Knockout Tank (Gallons) | Cumulative Total (Gallons) |
|---|--|--|---|--|----------------------------|
| 2,304,300 | 14,291 | 2,318,591 | 266,521,080 | 383,843 | 266,904,923 |
| Possible Monthly Operating Hours | Air Stripper Down Time Hours | Operating Time (%) | Down Time (%) | | |
| 576 | 0.25 | 99.96 | 0.04 | | |
| Last Calculated Cumulative Air Stripper Mass Removal (Pounds) | Date of Last Calculated Cumulative Air Stripper Mass Removal | Last Estimated Cumulative Air Stripper Mass Removal (Pounds) | Date of Last Estimated Cumulative Air Stripper Mass Removal | | |
| 25.37 | 12/05/01 | 26.87 | 02/06/03 | | |
| SVE Down Time Hours | Operating Time (%) | Down Time (%) | | | |
| 0.25 | 99.96 | 0.04 | | | |
| Last Calculated SVE Mass Removal (Pounds) | Date of Last Calculated SVE Mass Removal | Last Estimated Cumulative SVE Mass Removal (Pounds) | Date of Last Estimated Cumulative SVE Mass Removal | | |
| 3,980 | 12/30/01 | 4,105 | 03/03/03 | | |

Note: Operating hours based on 03/03/03 A.M. to 03/27/03 A.M.

PRS 66

The second phase of the storm and sanitary sewer reroute projects was completed on March 12. As of March 6, 7904 cubic yards of contaminated soil had been removed along with about 5800 cubic yards of clean overburden and asphalt. Contamination extended further to the west under the Building 29 footprint than originally expected. Chasing this contamination has increased the total expected removal volume significantly. Water has been encountered in the 15' to 20' area. The requirements of the work plan to pump this water to the asphalt-lined pond have been initiated. The shoring contractor is expected to begin his work the week of April 6.

PRS 87

The results of the sampling indicate contamination in the water and soil directly under Building 49. The sample results from the additional wells indicate no contamination of the groundwater in the area. The samples around the footprint indicate several locations where elevated VOCs were found in soil and water. Additional samples were collected at the original Phase I boundary in order to determine if contaminants had migrated beyond the proposed property line. Results of these samples indicate low level contaminant migration beyond the original Phase I boundary. A proposal to change the Phase I boundary has been accepted by all parties involved assuming that

contamination has not migrated to the new boundary. Results from the proposed new Phase I boundary indicate that no contaminants above MCL have migrated to the sample location. Ohio EPA and MMCIC have approved the new boundary and the Phase I transfer process has been initiated.

PRS 266/412

Verification sampling has been completed and the results indicate that the removal was successful. Site restoration was completed in early October and seeding has occurred. The OSC Report will be delivered to the regulators within several weeks.

PRS 41/64/417

Further Assessment sampling fieldwork was initiated in early November. The data report was delivered to the regulators on December 19. Binning of PRS 41 (RA) and 64 (NFA) occurred at the February Core Team meeting. Ohio EPA needed more information prior to binning PRS 417. A decision on this PRS is expected prior to the March Core Team Meeting.

PRS 397

The Further Assessment Data Report was delivered to the regulators for review in December. This PRS was binned NFA by the Core Team at the February meeting.

SMPP/TFV PROJECT

Building 19

The Building Data Package for construction demolition has been completed. The Core Team and public review period will be completed April 3.

Building 28

The Building Data Package is in development.

Building 34

Rad surveys are being taken. Once analysis results are available a path-forward for the building demolition and disposal will be defined.

Building 38

The abatement activity is 100% complete.

HVAC Duct and System Removal

The exhaust air ducting removal is 90% complete. This excludes the PP-6E filter banks and the external plenum, included in Phase II work. All Phase I systems and ductings are removed.

All other mechanical systems and equipment have been removed.

An estimated 98% of the internal second floor sheet metal and plasterboard walls have been removed.

The majority of miscellaneous furniture and fixtures have been removed from the building. Rooms are being cleared as work progresses.

First and second floor walls and second floor remain to be removed. Interior demolition is to be completed by March 2003.

A-Line and F-Line Removal

Work progresses to evaluate floor and pedestal removal prior to building demo.

Drain Lines, Sumps, and Tanks

These activities were started at the end of January 2003. To date, approximately 80% of above-grade drain lines have been removed. The sump and tank characterization continues with results expected by month end.

Phase II

Demolition of the stack and building is anticipated to be completed between the middle and the end of May 2003.

Building 47

Work has begun on preparing work plans for safe shutdown and construction demolition.

Building 49

Asbestos abatement was completed February 27. The building data package was submitted to the Core Team on February 19. CH2M Hill asked for an accelerated review of the package. Demolition began March 12.

Building 60

The building data package for the construction demolition was submitted to the Core Team on March 10. The Core Team and public review period will be completed April 8. This building data package contains final rad survey results.

Building 89

Final building walk-throughs (to receive this leased building from MMCIC) have been completed and work has begun on preparing Work Plans and building data packages for safe shutdown and construction demolition of the building.

Building 94

The building was demolished on March 10. Slab removal and site restoration is in progress.

Building 95

Demolition was completed on March 5.

G, GW, W Buildings

Work has begun on preparing work plans for safe shutdown and construction demolition.

H-Building

Work has begun on Decontamination and Safe Shutdown Work Packages. The Draft Action Memorandum is approximately 95% complete. The document is currently undergoing CH2M Hill internal review.

HH-Building

The subcontract has been placed on hold for up to six (6) months because of funding restraints. The subcontractor's facilities will remain on site and the submittal process will continue through the delay.

WD/23/125 Buildings

The demolition contractor's (BNFL) mobilization is complete. The contractor is submitting Integrated Work Control Packages for decontamination and demolition activities. Electrical power transfer for temporary electrical power to WD and WDA is complete. Isolation of all remaining utilities is in progress. Building characterization continues with BNFL and CH2M Hill supporting the activity.

MAIN HILL PROJECT

During the month of February the Main Hill Project transferred 4,417 cubic feet of low level waste from R/SW-Building and 4,256 cubic feet of low level waste from T-Building. For CY2003 this brings a total of 11,445 cubic feet for R/SW and 6,948 cubic feet for T-Building.

The Action Memorandum for R/SW and T-Building were approved and distributed for public comment. The notice went out in the local newspaper on March 3.

Work continues in T-Building removing unaffected (uncontaminated) concrete from both the block walls and concrete slab. The work has been accelerated per the baseline schedule and will help in completing the removal of any contamination from the prior polonium operations.

Work continues in SW/R on the removal of suspected TRU waste in the red ductwork. The ducts have been removed and we are currently evaluating the plenum for potential TRU. In addition, work continues in other areas such as the critical path (R-108), the old ERS area, and SW-152.

| | | | | |
|---|---------------------|--------------------------|-----------------------|--------------------|
| | | | | |
| Waste Stream Report - March 2003 | | | | |
| (Reporting period March 1 thru March 31, 2003) | | | | |
| | | | | |
| | | | Current | FY03 |
| | | | Period | Waste |
| | | Waste in | Waste | Shipped |
| <u>Waste Type</u> | <u>Units</u> | <u>Storage</u> | <u>Shipped</u> | <u>FYTD</u> |
| Hazardous (SS) | LBS. | 27,487 | 0 | 0 |
| - ER | CU. FT. | 550 | 0 | 0 |
| | | | | |
| Solid Waste Disposition | | | | |
| Construction | CU. YDS. | 0 | 1,730 | 6,090 |
| | | | | |
| TRU | CU. FT. | 5,881 | 0 | 1,387 |
| | | | | |
| Mixed | CU. FT. | 0 | 0 | 55 |
| | | | | |
| Low-Level Radioactive | Total | 26,481 | 191,548 | 489,789 |
| Envirocare | CU. FT | | 172078 | 391,124 |
| NTS | CU. FT | | 19,470 | 98,665 |
| | | | | |
| | | | | |
| Recycle | Units | YTD Waste Shipped | | |
| Metal | TONS | | 0 | 0 |
| Glass | TONS | | 0 | 1 |
| Paper | TONS | | 0 | 1 |
| Tires | EACH | | 73 | 73 |
| | | | | |
| | | | | |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|---|--|--|---|
| ER PROJECT – Soils | | | |
| <ul style="list-style-type: none"> Miami Erie Canal RRE | Draft to EPA Revision 1 Revision 2 Public Review Draft | 03-02-00 (actual) 04-26-00 (actual) 04-26-00 (actual) TBD | EPA comments 03-29-00 EPA comments 05-10-00 Need to resolve PAH background issue |
| <ul style="list-style-type: none"> Miami Erie Canal Ecological Risk Assessment | Draft to EPA Draft, Comments Public Review Draft | 05-15-00 (actual) TBD | EPA comments 04-25-00 EPA comments 06-12-00 |
| <ul style="list-style-type: none"> Canal Benzo-(a)-pyrene SAP | Working Draft to DOE | 11-29-01 (actual) | Samples collected 02-14-02. Approach to sampling documented in Data Report. |
| <ul style="list-style-type: none"> Canal Benzo-(a)-pyrene Data Report | Working Draft to DOE Draft to EPA Draft Proposed Final Final | 03-28-02 (actual) 04-18-02 (actual) 10-22-02 (actual) 12-11-02 (actual) | USEPA comments 05-7-02 OEPA comments 05-23-02 |
| Phase I <ul style="list-style-type: none"> Ecological Scoping Report | Draft to EPA Public Review Draft Final | 06-06-02 (actual) 09-19-02 (actual) 3-20-03 (actual) | TCE contamination of PRS 87 halted transfer. Pursuing transfer with modified boundary contingent on well sampling data. |
| <ul style="list-style-type: none"> Residual Risk Evaluation | Draft to EPA Public Review Draft Final | 07-02-02 (actual) 09-19-02 (actual) 3-20-03 (actual) | |
| <ul style="list-style-type: none"> Proposed Plan | Draft to EPA Public Review Draft Public review Draft | 08-19-02 (actual) 09-30-02 (actual) 03-26-03 (actual) | |
| <ul style="list-style-type: none"> Record of Decision | Draft to EPA Draft Proposed Final Draft Proposed Final | 10-02-02 (actual) 11-13-02 (actual) 3-20-03 (actual) | |
| <ul style="list-style-type: none"> Environmental Summary | Draft to EPA Draft to EPA Final | 11-14-02 (actual) 04-30-03 TBD | |
| <ul style="list-style-type: none"> OU1 Rebound Test Proposal | Working Draft to DOE Draft to EPA Final | 11-18-02 (actual) 11-26-02 (actual) 04-30-03 | Core Team has agreed to test plan and scope. Cost issues remain to be resolved before finalization of plan. |
| <ul style="list-style-type: none"> PRS 7 SAP | Working Draft to DOE Draft to EPA Recommendation Page to Core Team | 04-11-01 (actual) 04-16-01 (actual) 01-05-03 (actual) | Core Team has approved finalization pending decision on path forward for entire sanitary system. |
| <ul style="list-style-type: none"> PRSS 31-36, 125 & 270 Package | Working Draft to DOE Draft to EPA Public Review Draft Final | 09-26-02 (actual) 09-30-02 (actual) 12-04-02 (actual) 03-03-03 (actual) | |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|--|---|---|-----------------|
| <ul style="list-style-type: none"> • PRSs 41, 64, & 417 SAP | Draft to EPA Final | 10-07-02 (actual) 12-03-02 (actual) | PRS 417 added |
| <ul style="list-style-type: none"> • PRSs 41, 64, & 417 Data Report | Revision 0 | 12-19-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 41 Pkg | Add. 1 Draft to EPA Bin Public review Draft Final | 01-23-03 (actual) 02-19-03 (actual) 02-26-03 (actual) 04-09-03 | |
| <ul style="list-style-type: none"> • PRS 64 Pkg | Add. 1 Draft to EPA Bin Public review Draft Final | 01-23-03 (actual) 02-19-03 (actual) 02-26-03 (actual) 04-09-03 | |
| <ul style="list-style-type: none"> • PRS 417 Pkg | Add. 1 Draft to EPA Bin Public review Draft | 01-23-03 (actual) 03-19-03 (actual) 04-02-03 (actual) | |
| <ul style="list-style-type: none"> • PRSs 66, 40, 80 SAP | Draft to EPA Revision 1 Revision 2 Final to EPA Revision 1 | 10-25-99 (actual) 11-08-99 (actual) January 00 November 00 01-09-01 (actual) | |
| <ul style="list-style-type: none"> • PRSs 66, 40, 80 AM/EE/CA | Preliminary to DOE Preliminary to OEPA Working Draft to DOE Draft to DOE Draft to EPA Public Review Draft Final | 09-27-01 (actual) 10-10-01 (actual) 05-23-02 (actual) 06-25-02 (actual) 07-03-02 (actual) 10-31-02 (actual) TBD | |
| <ul style="list-style-type: none"> • PRSs 66, 40, 80 Work Plan | Draft to EPA Final | 12-02-02 (actual) 02-03-03 (actual) | |
| <ul style="list-style-type: none"> • PRSs 66, 40, 80 VSAP | Draft to DOE/EPA Final | 02-26-03 (actual) 04-18-03 | |
| <ul style="list-style-type: none"> • PRS 66 Phase II/III Data Report | Draft to Core team | 02-26-03 (actual) | |
| <ul style="list-style-type: none"> • PRS 66 Phase IV Data Report | Draft to Core team | 04-02-03 | |
| <ul style="list-style-type: none"> • PRS 80 Package | Public Review Draft Final | 06-18-02 (actual) 08-28-02 (actual) | |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|---|---|---|--|
| <ul style="list-style-type: none"> • PRSs 72, 73, 87 SAP | Working Draft to DOE Draft to EPA Final to EPA | 05-29-01 (actual) 06-07-01 (actual) 01-30-02 (actual) | |
| <ul style="list-style-type: none"> • FA Data Report | Revision 0 Revision 1 Revision 2 | 09-26-01 (actual) 01-30-02 (actual) 04-04-02 (actual) | Response to Comments |
| <ul style="list-style-type: none"> • PRSs 72, 73, 87 Package | Working Draft to DOE Draft to Core Team | 09-26-01 (actual) 12-06-01 (actual) | Addendum |
| <ul style="list-style-type: none"> • PRSs 72 & 73 | Binned NFA Public Review Draft Final | 01-16-02 (actual) 04-01-02 (actual) 06-05-02 (actual) | Only PRSs 72&73 PRS 87 FA pending additional sampling |
| <ul style="list-style-type: none"> • PRS 87 FA Data Report | Rev. 0 | 04-15-03 | FA sampling complete |
| <ul style="list-style-type: none"> • PRS 87 Package | Binned RA Addendum 1 Draft to EPA | 12-11-02 (actual) 04-15-03 | |
| <ul style="list-style-type: none"> • PRS 76 Data Report | Working Draft to DOE Draft to EPA Final to EPA Revision 1 | 06-13-01 (actual) 06-27-01 (actual) 09-25-01 (actual) 01-30-02 (actual) | SAP for VOC sampling deferred Response to comments |
| <ul style="list-style-type: none"> • PRS 76 Area Lithology & VOC SAP | Draft to EPA Final to EPA | 07-02-02 (actual) TBD | |
| <ul style="list-style-type: none"> • PRS 76 Area Lithology & VOC Data Report | Draft to EPA Final to EPA | TBD TBD | |
| <ul style="list-style-type: none"> • PRS 76 Package Addendum | Working Draft to DOE Draft to EPA Draft to EPA | 09-26-01 (actual) 01-08-02 (actual) TBD | Addendum #1 Addendum #2 for VOC FA |
| <ul style="list-style-type: none"> • PRS 123 Package | Final | 02-06-03 (actual) | |
| <ul style="list-style-type: none"> • PRS 124 Package | Draft to Core Team Binned RA Public Review Draft Final | 04-18-01 (actual) 05-30-01 (actual) 07-31-02 (actual) 03-07-03 | Building 48 hillside |
| <ul style="list-style-type: none"> • PRSs 154/238 SAP | Draft to EPA Final to EPA | 06-06-02 (actual) 06-26-02 (actual) | |
| <ul style="list-style-type: none"> • PRSs 154/238 Data Report | Revision 0 | 12-03-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 154/238 Package | Binned RA Add. 1 Draft to EPA PRS Package PRD Respond to comments Final | 12-11-02 (actual) 12-03-02 (actual) 01-22-03 (actual) 04-18-03 04-25-03 | |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|--|---|--|---|
| <ul style="list-style-type: none"> • PRSs 266/412 Unique Work Plan • PRSs 266/412 VSAP • PRSs 266/412 VerificationData Report • PRS 266/412 OSC Report | <ul style="list-style-type: none"> Draft to EPA Draft to EPA Final to EPA Rev. 0 complete Draft to CT Final | <ul style="list-style-type: none"> 04-08-02 (actual) 05-02-02 (actual) 06-26-02 (actual) 04-15-03 04-15-03 TBD | Work conducted under the Contingent Action Memo |
| <ul style="list-style-type: none"> • PRS 267 SAP • PRS 267 Data Report • PRS 267 Add 1 | <ul style="list-style-type: none"> Working Draft to DOE Draft to EPA Final Revision 0 Preliminary Draft for Core Team consideration | <ul style="list-style-type: none"> 04-04-02 (actual) 04-04-02 (actual) 04-23-02 (actual) 09-19-02 (actual) 04-09-03 | |
| <ul style="list-style-type: none"> • PRS 269 Data Report • PRS 269 Package Addendum 1 | <ul style="list-style-type: none"> Revision 0 complete Working Draft to DOE Draft to Core Team Public Review Draft | <ul style="list-style-type: none"> 2-27-03 (actual) 2-13-03 (actual) 2-27-03 (actual) 4-09-03 | |
| <ul style="list-style-type: none"> • PRSs 274/275 Package • PRSs 274/275 Unique Work Plan • PRSs 274/275 Fact Sheet • PRSs 274/275 VSAP • PRSs 274/275 Data Report • PRSs 274/275 OSC Report | <ul style="list-style-type: none"> Binned RA Draft to EPA Public Review Final Draft to EPA Public Distribution Draft to EPA Final Revision 0 Revision 1 Working Draft to DOE Draft to EPA Final | <ul style="list-style-type: none"> 02-20-02 (actual) 12-03-02 (actual) 12-28-02 (actual) 02-27-03 (actual) 04-04-02 (actual) 04-04-02 (actual) 04-04-02 (actual) 04-29-02 (actual) 06-06-02 (actual) 09-19-02 (actual) 09-12-02 (actual) 09-24-02 (actual) 10-31-02 (actual) | <ul style="list-style-type: none"> RA based on data presented informally by project Work conducted under the Contingent Action Memo Includes SAP data Includes VSAP data |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|---|---|---|-----------------|
| <ul style="list-style-type: none"> • PRSs 277/278 SAP | Draft to EPA Final | 08-15-00 (actual) 01-12-01 (actual) | |
| <ul style="list-style-type: none"> • PRSs 277/278 FA Data Report | Revision 0 | 09-26-01 (actual) | |
| <ul style="list-style-type: none"> • PRS 277/278 Package | Working Draft to DOE Binned RA Public Review Draft Final | 09-26-01 (actual) 02-20-02 (actual) 04-04-02 (actual) 06-18-02 (actual) | |
| <ul style="list-style-type: none"> • PRSs 277/278 Fact Sheet | Public Distribution | 08-28-02 (actual) | |
| <ul style="list-style-type: none"> • PRSs 277/278 VSAP | Draft to EPA Final | 10-08-02 (actual) 11-25-02 (actual) | |
| <ul style="list-style-type: none"> • PRSs 277/278 Verification Data Report | Revision 0 | 01-16-03 (actual) | |
| <ul style="list-style-type: none"> • PRSs 277/278 OSC Report | Draft to EPA Final | 01-16-03 (actual) 03-06-03 (actual) | |
| <ul style="list-style-type: none"> • PRS 282 SAP | Draft to EPA Final | 04-04-02 (actual) 04-23-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 282 Data Report | Revision 0 | 11-25-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 282 Package Addendum 1 | Draft to EPA Binned NFA Public Review Draft Final | 11-25-02 (actual) 12-11-02 (actual) 01-08-03 (actual) 03-06-03 (actual) | |
| <ul style="list-style-type: none"> • PRS 397 SAP | Working Draft to DOE Draft to EPA Final | 08-30-02 (actual) 09-04-02 (actual) 09-30-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 397 Data Report | Revision 0 | 12-17-02 (actual) | |
| <ul style="list-style-type: none"> • PRS 397 Package | Add 1 Draft to EPA Public Review Draft Final | 01-23-03 (actual) 02-26-03 (actual) 04-09-03 | |
| <ul style="list-style-type: none"> • PRSs 423-428 Package | Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final | 06-18-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual) | Main Hill UGLy |
| <ul style="list-style-type: none"> • PRS 423-428 Action Memo | Draft to EPA | TBD | |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|---|--|--|--|
| <ul style="list-style-type: none"> PRs 437-439 Package | Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final | 06-14-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual) | Main Hill UGLy |
| <ul style="list-style-type: none"> PRs 437-439 Action Memo | Draft to EPA | TBD | |
| <ul style="list-style-type: none"> PRs 440 Package | Draft to Core Team Binned RA Draft Proposed Final Public Review Draft Final | 06-14-01 (actual) 07-18-01 (actual) 10-21-02 (actual) 11-13-02 (actual) 03-06-03 (actual) | Main Hill UGLy |
| <ul style="list-style-type: none"> PRs 440 Action Memo | Draft to EPA | TBD | |
| <ul style="list-style-type: none"> EG-2 Remedial Action Plan | Submit to Fire Marshall | 3-11-03 (actual) | |
| <ul style="list-style-type: none"> Test Fire Valley Soil Action Memo | Working Draft to DOE Draft to EPA Public Review Draft | TBD TBD TBD | AM to cover PRs 154, 238, WD soil, BDs 23, 125, & HH slab and soil |
| <ul style="list-style-type: none"> UGL Action Memo | Working Draft to DOE Draft to EPA Public Review Draft | 09-26-02 (actual) 10-02-02 (actual) TBD | PRs 423-440 |
| <ul style="list-style-type: none"> Petro Piles CSAP | Draft to EPA Final to EPA | 05-02-02 (actual) 05-22-02 (actual) | |
| <ul style="list-style-type: none"> Petro Piles Data Report | Revision 0 | TBD | After Phase I transfer |
| MAIN HILL PROJECT | | | |
| <ul style="list-style-type: none"> R/SW Building Action Memo | Working Draft to DOE Draft to EPA Draft Proposed Final Public Review Draft Draft Proposed Final Revision 1 Public Review Draft | 06-21-00 (actual) 08-07-00 (actual) 10-10-00 (actual) 11-29-00 (actual) 11-26-02 (actual) 03-06-03 (actual) | ARARs addition |
| <ul style="list-style-type: none"> T Building Action Memo | Working Draft to DOE Draft to EPA Public Review Draft Final | 08-05-02 (actual) 11-25-02 (actual) 03-06-03 (actual) TBD | |
| <ul style="list-style-type: none"> T Building BDP | Draft to Core Team Public Review Draft Final | 11-26-02 (actual) 03-06-03 (actual) TBD | |
| SMPP / TEST FIRE VALLEY PROJECT | | | |
| <ul style="list-style-type: none"> Building 19 BDP | Working Draft to DOE Public Review Draft Final | 02-24-03 (actual) 03-05-03 (actual) TBD | Demolition |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|---|--|---|---|
| <ul style="list-style-type: none"> Building 27 BDP | Working Draft to DOE Public Review Draft Final | 10-03-02 (actual) 10-16-02 (actual) TBD | Demolition Final reports on hold pending resolution of Pb-210 issue. |
| <ul style="list-style-type: none"> Building 27 Close-out report | Working Draft to DOE Final | 12-16-02 (actual) TBD | |
| <ul style="list-style-type: none"> Building 28 BDP | Working Draft to DOE Draft to EPA Binning Public Review Draft Final | TBD TBD TBD TBD TBD | Transition Not on Building priority list |
| <ul style="list-style-type: none"> Building 34 BDP | Public Review Draft Final | 05-01-03 TBD | Demolition |
| <ul style="list-style-type: none"> Building 34 Close-out Report | Working Draft Final | TBD TBD | |
| <ul style="list-style-type: none"> Building 47 BDP Close-out Report | Working draft to DOE Public review Draft Final Working Draft Final | TBD TBD TBD TBD TBD | |
| <ul style="list-style-type: none"> Building 49 BDP Close-out Report | Public Review Draft Final Working Draft Final | 02-19-03 (actual) TBD TBD TBD | Change from transition to demolition |
| <ul style="list-style-type: none"> Building 60 BDP Close-out report | Working Draft for DOE review Public Review Draft Working Draft Final | 03-05-03 (actual) 03-10-03 (actual) TBD TBD | Demolition |
| <ul style="list-style-type: none"> Building 61 BDP | Working Draft to DOE Draft to Core Team Binning Public Review Draft Final | 09-09-02 (actual) 09-18-02 (actual) 11-25-02 (actual) 12-04-02 (actual) 03-24-03 (actual) | Transition |
| <ul style="list-style-type: none"> Building 89 Close-out Report | Working draft for DOE review Public Review Draft Final Working Draft Final | 03-27-03 (actual) 04-03-03 TBD TBD TBD | |
| <ul style="list-style-type: none"> Building 94 BDP Close-out Report | Working Draft to DOE Public Review Draft Final Working Draft Final | 01-14-03 (actual) 01-21-03 (actual) TBD TBD TBD | Demolition |

Table 1. Document Status

| DELIVERABLE | STATUS | PROJECTED/ DELIVERY DATE | COMMENTS |
|--|---|---|--|
| <ul style="list-style-type: none"> Building 95 BDP Building 95 Closeout Report | Draft to Core Team Binned NFA Public Review Draft Final Working draft to DOE Final | 05-15-02 (actual) 07-11-02 (actual) 09-04-02 (actual) 10-09-02 (actual) 4-30-03 TBD | Demolition |
| <ul style="list-style-type: none"> A Building BDP Demolition Work Plan Closeout Report | Working draft to DOE Public Review Draft Plan complete Working Draft to DOE Final | 04-01-03 TBD TBD TBD TBD | Demolition |
| <ul style="list-style-type: none"> H Building Action Memo Demolition Work Plan VSAP Data Report OSC Report | Working draft to DOE Draft for CT review Draft Proposed Final Public Review Draft Working draft for DOE | 04-01-03 (actual) 04-08-03 05-15-03 05-21-03 04-22-03 TBD TBD TBD | Demolition |
| <ul style="list-style-type: none"> I-Building Action Memo I-Building CSAP I Building Data Report I-Building OSC Report | Draft to EPA Draft Proposed Final Public Review Draft Final Draft to EPA Final to EPA Working Draft to DOE Revision 0 Working Draft to DOE Draft to EPA Final | 01-17-02 (actual) 02-11-02 (actual) 02-12-02 (actual) 05-06-02 (actual) 03-25-02 (actual) 04-22-02 (actual) 11-18-02 (actual) 11-25-02 (actual) 11-20-02 (actual) 11-25-02 (actual) 01-29-03 (actual) | Demolition Document sequence complete |
| <ul style="list-style-type: none"> Buildings 23 / 125 Action Memo | Working Draft to DOE | TBD | |

Table 2. Remediation Field Work Status

| DELIVERABLE | STATUS | PROJECTED START / FINISH DATE | COMMENTS | AFFECTED PRSs |
|----------------------------------|---|--|----------|------------------|
| ER PROJECT | | | | |
| • OU-1 Capture Zone Test | O&M in progress | | | |
| • AS/SVE, Pump & Treat Systems | O&M in progress | | | 8, 9, 11, 12 |
| • OU-9 Groundwater Monitoring | Quarterly | January (actual) April July October | | |
| • PRSs 41/64/417 Sampling | Start Finish | 11-04-02 (actual) 11-21-02 (actual) | | 41, 64, 417 |
| • PRS 66 Phase I Removal | Start Finish | 10-28-02 (actual) 04-30-03 | | 40, 66, 80 |
| • PRS 66 Multi Phase Removal | Start Finish removal Finish verification and backfill | 01-06-03 (actual) 01-02-04 07-15-04 | | |
| • PRS 277/278 Removal | Start Finish | 10-23-02 (actual) 12-12-02 (actual) | | 277, 278 |
| • Building 49 Wells Installation | Start Finish | 10-14-02 (actual) 10-19-02 (actual) | | 87 |
| • Building 49 Trench Sampling | Start Finish | 10-21-02 (actual) 11-12-02 (actual) | | |
| SMPP / TFV PROJECT | | | | |
| • BD 27 Demolition | Start Finish | 11-19-02 (actual) 12-17-02 (actual) | | |
| • BD 49 Demolition | Start Finish | 03-12-03 (actual) 04-08-03 | | |
| • BD 60 Demolition | Start Finish | 04-03-03 04-24-03 | | |
| • BD 89 Demolition | Start Finish | 05-05-03 05-14-03 | | |
| • BD 19 Demolition | Start Finish | 05-14-03 05-22-03 | | |

FFA Milestone Events and Dates – FY03

| Milestone Event | Project | Milestone Date | Comments |
|--|---------------------------|----------------|---|
| I Building OSC Report | SMPP/TFV | 04-Dec-02 | Complete November 25, 2002 |
| PRS 277/278 OSC Report | Environmental Restoration | 30-Jan-03 | Complete January 16, 2003 |
| Annual Schedule Update | All | 31-Mar-03 | Complete March 28, 2003 |
| PRS 397 Data Report | Environmental Restoration | 01-Apr-03 | Complete December 17, 2002 |
| PRS 238 & PRS 154 Data Report | Environmental Restoration | 01-Apr-03 | Complete December 3, 2002 |
| PRS 269 Data Report | Environmental Restoration | 03-Apr-03 | Complete February 17, 2003 |
| Annual Report of Effectiveness of Institutional Controls | MCP | 13-Jun-03 | |
| PRS 266 OSC Report | Environmental Restoration | 19-Jun-03 | |
| PS/EG4 Buildings (includes PRS 411) OSC Report | SMPP/TFV | 05-Aug-03 | Requested change to 4QFY04 on October 30, 2002: USEPA approved change to a date to be established in March 03 milestone submittal (1/13/03) |
| Building 31 & 31A OSC Report | SMPP/TFV | 04-Sep-03 | Requested change to FY06 on October 30, 2002: USEPA approved change to a date to be established in March 03 milestone submittal (1/13/03) |
| Building 30 OSC Report | SMPP/TFV | 30-Sep-03 | Requested change to FY06 on October 30, 2002: USEPA approved change to a date to be established in March 03 milestone submittal (1/13/03) |

Note: Milestone event is delivery of Draft document to EPA and OEPA

Community Relations Activities During March 2003

The MAC Meeting was held Friday, March 14. Meeting minutes (paper distribution only) are included in this report.

Seven visitors used the CERCLA Public Reading Room during the month of March.

Delays, Problems and Remedies

ATTACHMENT A.1

MINUTES OF THE MONTHLY PROJECT MANAGERS MEETING

MINUTES FROM THE MONTHLY FFA MEEETING

March 19, 2003

GENERAL TOPICS

Report on February Action Items – There were five action items identified during the February meeting. The minutes of that meeting reported in the February FFA Monthly Report indicate that all five were addressed.

The regulators acknowledge receipt of the February FFA Monthly Report. There were no corrections for the minutes. Brian Nickel had a follow –up question concerning the eventual disposition/tracking of the location with elevated Th-230, 232 and Pu-239 encountered in the PRS 66 sewer reroute project (reported originally in the December/January FFA Monthly). Monte Williams indicated this question has not been resolved. The location could be addressed as part of an existing PRS (not necessarily PRS 66) or it could become a new PRS. In response to Brian's request, Monte will provide copies of the data and an illustration of the location.

No changes in the monthly report or document distribution list were requested.

HIGHLIGHTS / QUESTIONS ON PROJECT UPDATES

(Editor's note: The information presented in Section 2 "Recent and Upcoming Events" of the Monthly FFA Report was provided to the regulators in advance of this meeting.)

ER (Monte Williams)

As of March 18, 9152 cubic yards of contaminated soil has been removed from PRS 66 along with 7074 cubic yards of clean overburden and slope back and 1625 cubic yards clean asphalt. By next month's meeting, the shoring effort will begin. This will involve drilling 30 in holes for installation of 40 ft long I beams that support the shoring.

We are moving forward on the Phase I effort. We have received comments from OEPA on the Proposed Plan and are targeting start of public review for Wednesday, March 26. This will be discussed more at the Core Team meeting later today.

Brian Nickel asked if we are at risk of stopping PRS 66 because of budget constraints. Monte indicated that is a possibility. We budgeted for 600,000 cubic feet of contaminated soil disposal from PRS 66 in FY 03. We could reach that by late May.

The PRS 66 VSAP was sent to the regulators for review and comment. The thirty day review period ends next week. We are very interested in obtaining and resolving any comments soon. There are areas where we could start the verification effort and relieve some of the congestion in the work zone.

SM/PP/TFV (Bob Ransbottom)

The weekly working meetings with the regulators resumed yesterday. After yesterday's meeting, there was a tour of Building 19. The big issue with this building is how we will do the rad surveys on the corrugated metal. There are two-three approaches possible. Our rad engineers are evaluating these options. When the preferred approach is determined, we will share that with the regulators. The Building 19 Building Data

Package was submitted to the regulators on March 5. The newspaper ad did not appear on the date requested; it should appear in today's *Miamisburg News*. The Building 28 (transition building) BDP is in development. The Building 34 Rad surveys are being taken. Once analysis results are available a path-forward for the building demolition and disposal will be defined. The fugitive dust control issue for Building 38 Phase II and stack demolition Work Plans is resolved with OEPA. We are looking for agreement from USEPA. The work plans and fugitive dust control languages were sent (e-mail Ransbottom to Seely) yesterday. Work has begun on work plans, safe shutdown, and construction demolition of Building 47. There are ongoing discussions with the city about taking over fire protection. Demolition of Building 49 began on March 12. The building will be demolished to the slab and the ER project will complete PRS 87. The Building 60 demolition work packages are in place. The BDP was sent to the regulators, MMCIC, and MESH on March 10. The newspaper ad did not appear on the date requested; it should appear in today's *Miamisburg News*. Our current plans indicate demolition could begin as early as April 10. This would not give the general public thirty-day notice. We will monitor schedule progress, and inform MCP and the regulators if this situation continues. Buildings 89 and 61 have been de-leased. Building 94 was demolished on March 10. Demolition of Building 95 was completed on March 5. Preparation work has started on the demolition of Buildings G, GW, and W. We are currently working on moving the trades out. Work on the decontamination and safe shutdown work packages for H-Building has started. The H-Building Action Memo is 95% complete. The demolition of HH Building is on hold because of funding constraints. The demolition subcontractor's (BNFL) mobilization for Buildings WD/23/125 is complete.

Main Hill (Ken Armstrong)

Last month was a big month for waste volumes. We have received approval to stage materials on the B Building pad, so we expect next month to also be a bigger month.

The action memos for R/SW and T-Building were approved by the regulators and have started public review. We appreciate all the effort that went into this accomplishment. Work continues in T-Building to remove uncontaminated concrete from block walls and the concrete slab. One of the photos in the February FFA Monthly report (T-Building Room 15B photo # 030405) illustrates this effort (eight courses of concrete block) removed safely. Work continues in SW/R on removal of suspected TRU waste in the red duct work. The ducts have been removed and we are currently evaluating the plenum for potential TRU. There are only a handful of labs left in SW/R (SW 150 & 152, the old ERS area, and R-108).

MMCIC (Dann Bird)

At the last MRC/MAC meeting there was an excellent presentation by CH2MHill on work scope and an excellent presentation by MCP on oversight. At the next MRC/MAC there will be a presentation on the history of OU1. Mike Owen (head of the DOE HQ Office of Legacy Management) is expected to attend the next MRC/MAC and describe the Office of Legacy Management and Long Term Stewardship. Access to the site is changing on/around April 1; GP-1 will re-open. GP-8 will become a construction entrance. Non-construction access to Test Fire Valley will be from South Dixie.

MEETINGS BEFORE NEXT FFA MEETING

Continue weekly regulator meetings on March 25 at 2PM EST
Phase I Status meeting on March 26 at 10AM EST

ACTION ITEMS

Provide OEPA measurement results and source locations from PRS 66 sewer reroute

NEXT FFA MEETING: April 16 at 9AM (teleconference)

ATTENDANCE SHEET FOR FFA MEETING
March 19, 2003

| INITIAL | NAME | ORGANIZATION | TELEPHONE |
|-----------------|-------------------|--------------------|--------------|
| | Fischer, Tim | U.S. EPA, Region V | 312-886-5787 |
| <i>by phone</i> | Seely, David | U.S. EPA, Region V | 312-886-7058 |
| <i>A.T.G.</i> | Campbell, Anthony | Ohio EPA | 937-285-8069 |
| <i>KLF</i> | Fox, Kathy Lee | Ohio EPA | 937-285-6441 |
| <i>SN</i> | Nickel, Brian | Ohio EPA | 937-285-6468 |
| | O'Dell, Jane | Ohio EPA | 937-285-6066 |
| <i>CM</i> | Lipp, Celeste | ODH | 614-728-0395 |
| | Lucas, Paul | DOE-MCP | 937-865-4578 |
| <i>P.M.N.</i> | Neff, Dick | DOE-MCP | 937-865-3616 |
| <i>RR</i> | Rothman, Rob | DOE-MCP | 937-865-3823 |
| | Schmaltz, Frank | DOE-MCP | 937-865-3820 |
| <i>DB</i> | Bird, Dann | MMCIIC | 937-865-4266 |
| <i>W.H.A.</i> | Armstrong, Ken | CH2MHill | 937-865-3395 |
| | Gault, Denny | CH2MHill | 937-865-3913 |
| | Heath, Tim | CH2MHill | 937-865-3981 |
| | Kehler, Kurt | CH2MHill | 937-865-4189 |
| | Massie, Joyce | CH2MHill | 937-865-3888 |
| <i>92</i> | Rakel, Dave | CH2MHill | 937-865-4203 |
| <i>PCR</i> | Ransbottom, Bob | CH2MHill | 937-865-4220 |
| | Rohrig, Steve | CH2MHill | 937-865-4167 |
| | Vatell, Gene | CH2MHill | 937-865-4395 |
| <i>WJ</i> | Williams, Monte | CH2MHill | 937-865-4543 |
| <i>SS</i> | Smiley, Sue | DOE-MCP | 937-865-3984 |
| <i>Back</i> | KRAMER, DON | CH2MHill | 937-865-4054 |
| <i>UAB</i> | Darnell, Val | CH2MHill | 937-865-3655 |
| | LEGARE, JOE | DOE-MCP | 937-865-3590 |
| | | | |
| | | | |

DOCUMENT ADDITIONS FOR MARCH 2003

Documents Added to the Administrative Record

Updated press clippings for March 2003

Phase I Proposed Plan, Public Review Draft, March 2003

Phase I Ecological Scoping Report, Final, March 2003

Phase I Residual Risk Evaluation, Final, March 2003

Miamisburg Closure Project, Building Data Package, Building 61, Final, March 2003

Miamisburg Closure Project, Potential Release Site Package, PRS 417, Public Review Draft, March 2003

Documents Added to the Information Repository

ATTACHMENT A.2

PHOTOGRAPHS TAKEN DURING THE MONTH OF MARCH





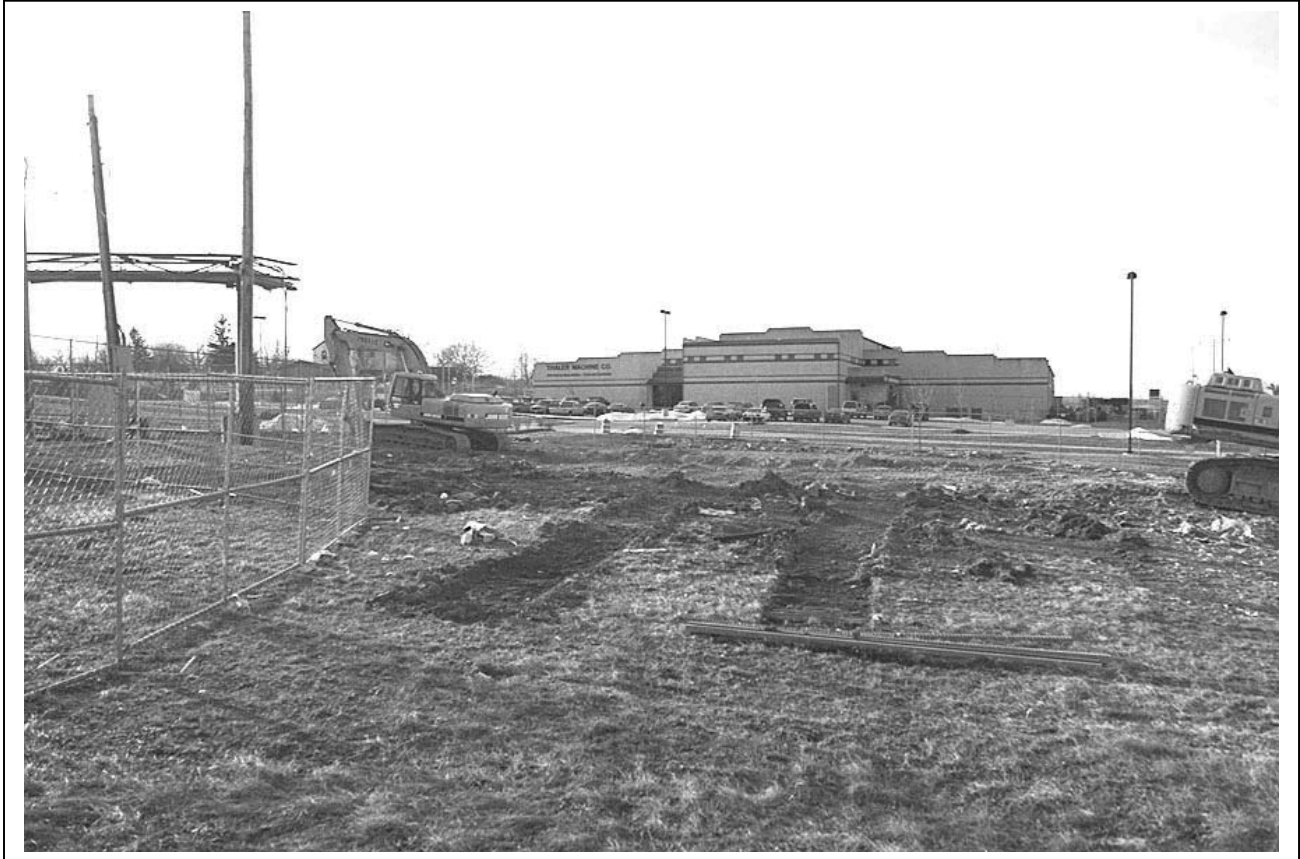














ATTACHMENT A.3

NEWSPAPER ARTICLES GENERATED AS A RESULT OF COMMUNITY RELATIONS ACTIVITIES UNDER THIS AGREEMENT

ATTACHMENT A.4

FIELD CHANGE LOG FOR MARCH

FIELD CHANGE LOG FOR MARCH

| ADS | Summary of Change (description) | Contractor | Contractor Change Control No | Cost Impact ¹ (Y/N) | Schedule Impact ² (Y/N) |
|-----|------------------------------------|------------|------------------------------------|--------------------------------------|--|
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1 Cost Impact - yes if a contractual change is required

2 Schedule Impact - yes if a deviation from approved schedules will occur

Note: In general, a change will be logged here when it is significant enough to invoke the contractor's QA change control process

ATTACHMENT A.5

CH2MHILL/CERCLA CONTACT LIST

CH2MILL/CERCLA CONTACT LIST

| Contact | Phone | FAX |
|---|---|--------------|
| DOE Contacts | | |
| Rob Rothman Remedial Project Manager US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-3823 <u>E-Mail Address</u> Robert.rothman@ohio.doe.gov | 937-865-4489 |
| Jane Greenwalt Public Affairs Officer US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-3116 <u>E-Mail Address</u> Jane.greenwalt@ohio.doe.gov | 937-865-4489 |
| Sam Cheng Main Hill/Tritium Complex US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-4778 <u>E-Mail Address</u> Sam.cheng@ohio.doe.gov | 937-865-4489 |
| Paul Lucas Soils Project US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-4578 <u>E-Mail Address</u> Paul.lucas@ohio.doe.gov | 937-865-4489 |
| Frank Schmaltz Main Hill Non-Rad & Main Hill Rad US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-3620 <u>E-Mail Address</u> Frank.schmaltz@ohio.doe.gov | 937-865-4489 |
| James Johnson Facilities US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-5234 <u>E-Mail Address</u> James.O.Johnson@ohio.doe.gov | 937-865-4489 |
| Dick Neff Contractor US DOE/MCP P.O. Box 66 1 Mound Road Miamisburg, Ohio 45343-0066 | 937-865-3616 <u>E-Mail Address</u> Richard.neff@ohio.doe.gov | 937-865-4219 |
| Robert Perrygo U.S. Department of Energy EM-31/Cloverleaf Building 1000 Independence Avenue, SW Washington, DC 20585-2040 | 301-903-7514 <u>E-Mail Address</u> Robert.Perrygo@em.doe.gov | 301-903-2583 |

| Contact | Phone | FAX |
|--|---|-------------------------------------|
| CH2MHILL/ Mound Contacts | | |
| CH2MHILL P.O. Box 3030 Miamisburg, Ohio 45343-3030 | Page: 937-865-4020 | 937-865-3835 |
| John Fulton Site Manager | 937-865-4365 <u>E-Mail Address</u> Fultjc@doe-md.gov | 937-865-3114 |
| John Lehew Deputy Site Manager | 937-865-4155 <u>E-Mail Address</u> Lehejg@doe-md.gov | 937-865-3114 |
| Mike Ebben Administrative Services Manager | 937-865-4404 <u>E-Mail Address</u> Ebbemd@doe-md.gov | 937-865-3099 |
| Kurt Kehler SMPP/TFV Project Manager | 937-865-4169 <u>E-Mail Address</u> Kehlkl@doe-md.gov | 937-865-3835 |
| Gene Valett Environmental Restoration Project Manager | 937-865-4395 <u>E-Mail Address</u> Valegl@doe-md.gov | 937-865-3725 |
| Jeff Bradford Waste Management & Nuclear Materials Project Manager | 937-865-4420 <u>E-Mail Address</u> Bradjd@doe-md.gov | 937-865-4380 |
| Tim Heath Main Hill Project Manager | 937-865-3981 <u>E-Mail Address</u> Heattr@doe-md.gov | 937-865-3415 |
| Dave Rakel ER Project – CERCLA | 937-865-4203 <u>E-Mail Address</u> Rakeda@doe-md.gov | 937-865-3725 Pager: 636-1611 |

| CONTACT | PHONE | FAX |
|---|---|-------------------------------------|
| Jeff Stapleton Environmental Compliance Manager | 937-865-5561 <u>E-Mail Address</u> Stapjs@doe-md.gov | 937-865-3725 Pager: 978-2553 |
| Ron Paulick Environmental Compliance - Chemist | 937-865-4080 <u>E-Mail Address</u> Paulrp@doe-md.gov | Pager: 341-4607 |
| Mark Gilliat ER Project – Geologist | 937-865-4407 <u>E-Mail Address</u> Gillimd@doe-md.gov | 937-865-4455 |
| Gene Jendrek Environmental Compliance | 937-865-4205 <u>E-Mail Address</u> Jenedef@doe-md.gov | 937-865-3725 |
| Keith McMahan ER Project – Engineer | 937-865-3462 <u>E-Mail Address</u> Mcmab@doe-md.gov | |
| Chuck Finkenbine ER Project – Rad Con POC | 937-865-4527 <u>E-Mail Address</u> Finkcd@doe-md.gov | |
| Denny Gault ER Project – Engineer | 937-865-3913 <u>E-Mail Address</u> Gauldj@doe-md.gov | |
| Bob Ransbottom SMPP/TFV Project – Project Engineer | 937-865-4220 <u>E-Mail Address</u> Ransrc@doe-md.gov | |
| Val Darnell SMPP/TFV Project – Contractor | 937-865-3655 <u>E-Mail Address</u> Darnvk@doe-md.gov | |
| Don Kramer SMPP/TFV Project – Project Engineer | 937-865-4054 <u>E-Mail Address</u> Kramdc@doe-md.gov | |

| CONTACT | PHONE | FAX |
|--|---|---|
| Mary Sizemore Main Hill Project - Waste Management | 937-865-3901 <u>E-Mail Address</u> Sizeme@doe-md.gov | |
| Christine Lee Waste Management | 937-865-5506 <u>E-Mail Address</u> Leechb@doe-md.gov | |
| Karen Arthur Project Engineer – Soils Project | 937-865-3010 <u>E-Mail Address</u> Arthkm@doe-md.gov | 937-865-3485 Pager: 800-604-4785 |
| US EPA Contacts | | |
| David P. Seely US EPA Region 5 (SR-6J) 77 W. Jackson Blvd. Chicago, Illinois 60604 | 312-886-7058 <u>E-Mail Address</u> Seely.David@epamail.epa.gov | 312-886-4071 |
| T. Stuart Hill US EPA Region 5 (P-19J) 77 W. Jackson Blvd. Chicago, Illinois 60604-3590 | 312-886-0689 <u>E-Mail Address</u> Hill.stuart@epa.gov | 312-353-1155 |
| Ohio EPA Contact | | |
| Brian Nickel Ohio EPA 401 E. Fifth Street Dayton, Ohio 45402-2911 | 937-285-6468 <u>E-Mail Address</u> Brian.nickel@epa.state.oh.us | 937-285-6404 |
| Jane O'Dell Ohio EPA 401 E. Fifth Street Dayton, Ohio 45402-2911 | 937-285-6066 <u>E-Mail Address</u> Jane.odell@epa.state.oh.us | 937-285-6404 |
| Anthony Campbell Ohio EPA 401 E. Fifth Street Dayton, Ohio 45402-2911 | 937-285-6069 <u>E-Mail Address</u> AnthonyCampbell@epa.state.oh.us | 937-285-6404 |
| Kathy Lee Fox Ohio EPA 401 E. Fifth Street Dayton, Ohio 45402-2911 | 937-285-6441 <u>E-Mail Address</u> KathyFox@epa.state.oh.us | 937-285-6404 |

| ODH Contact | | |
|--|---|--------------|
| Ruth Vandegrift Ohio Department of Health 246 N. High Street Columbus, Ohio 43215-1099 | 614-644-2718 <u>E-Mail Address</u> <u>Vandeg@gw.odh.state.oh.us</u> | 614-466-0381 |
| Celeste Lipp Ohio Department of Health Bureau of Radiation Protection 246 N. High Street Columbus, Ohio 43215-1099 | 614-728-0395 <u>E-Mail Address</u> <u>Clipp@gw.odh.state.oh.us</u> | 614-466-0381 |
| ATSDR Contact | | |
| Burt Cooper Agency for Toxic Substances and Disease Registry 1600 Clifton Road, NE Mail Stop E-56 Atlanta, GA 30333 | 404-639-6050 | 404-639-6075 |